Appl. No. 10/644,441 Amdt. Dated February 22, 2005 Reply to Office action of November 22, 2004

## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## Listing of Claims:

1. (Currently Amended)

A propeller shaft assembly comprising:

a thin walled tubular member[[,]];

a connecting member fixed to each end of the tubular

member[[,]]; and

a tubular support member having a generally uniform outer

diameter is fixed within the tubular member, the support member comprising a rigid foamed plastic extending a first length (L1) within the tubular member and engaging an interior surface of the tubular member to increase the bending frequency of the propeller shaft assembly.

- 2. (Currently Amended) An assembly according to claim 1 wherein said support member comprises an open-cell foamed plastic impregnated with a high modulus resin or cement.
- 3. (Canceled)
- 4. (Original) An assembly according to claim 3 wherein said support member includes a plurality of openings formed along the first length (L1) for reducing the weight of the support member.
- 5. (Currently Amended) An assembly according to claim 2 wherein said open-cell foamed plastic is generally flexible before being impregnated with the resin or cement.
- 6. (Original) An assembly according to claim 1 wherein said tubular member comprises metal or reinforced plastic.
- 7. (Original) An assembly according to claim 1 wherein said tubular member has a second length (L2) and the ratio of L1/L2 is less than 1.0.

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- 8. (Canceled)
- 9. (Currently Amended)

  A power transmission shaft comprising:

  a thin walled metal tube having a joint element or stub

  shaft fixed to each end thereof[[,]]; and

  a tubular support member having a generally uniform outer

  diameter is co-axially located within said tube and engaging an interior surface of said tube, said support member comprising a rigid foamed plastic extending along a length of the tubular member.
- 10. (Original) A power transmission shaft according to claim 9 wherein the support member has a first length (L1) and said tube has a second length (L2) and the ratio L1/L2 is less than 1.0.
- 11. (Original) A power transmission shaft according to claim 9 wherein the support member includes a plurality of opening formed along the first length (L1) for reducing the weight of the support member.
- 12. (Currently Amended) An assembly according to claim 9 wherein said support member comprises an open-cell foamed plastic impregnated with a high modulus resin or cement.
- 13. (Currently Amended) An assembly according to claim 12 wherein said open-cell foamed plastic is generally flexible before being impregnated with the resin or cement.
- 14. (Currently Amended) A method of producing a rigid power transmission shaft comprising:

  providing a thin walled metal or reinforced plastic tube;

and

introducing a <u>tubular</u> support member <u>having a generally</u> <u>uniform outer diameter co-axially</u> within said tube to engage an interior surface of said tube, said support member comprising a rigid foamed plastic extending along a length of the tubular member.

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- 15. (Withdrawn) A method according to claim 14 wherein the step of introducing includes impregnating an open-cell plastic foam with a high modulus resin or cement, and introducing said impregnated plastic foam into an interior of said tube.
- 16. (Withdrawn) A method according to claim 14 wherein the step of introducing includes foaming a plastic or cement support member within an interior of said tube.
- 17. (Withdrawn) A method according to claim 16 wherein the step of introducing includes co-axially locating a mandrel within said tube and foaming a plastic or cement support member in a region between said mandrel and said tube.
- 18. (Withdrawn) A method according to claim 15 wherein the step of introducing said impregnated plastic foam into an interior of said tube occurs before said impregnated plastic foam has set up.
- 19. (Withdrawn) A method according to claim 15 wherein the step of introducing said impregnated plastic foam into an interior of said tube occurs after said impregnated plastic foam has set up.
- 20. (New) An assembly according to claim 1 wherein said tubular member has a thickness generally less than 8 mm.
- 21. (New) An assembly according to claim 1 wherein said tubular member has an outer diameter generally greater than 40 mm and generally less than 300 mm.
- 22. (New) An assembly according to claim 1 wherein said tubular member has a second length (L2) and the ratio of L1/L2 is greater than 0.25.
- 23. (New) A power transmission shaft according to claim 9 wherein the support member has a fist length (L1) and said tube has a second length (L2) and the ratio L1/L2 is greater than 0.25.